

PATENT

Customer No. 22,852

Attorney Docket No. 08513.7023-00000



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
HOLMES et al. ) Group Art Unit: 1711  
)  
Application No.: 09/529,873 ) Examiner: D. Truong  
)  
Filed: July 27, 2000 )  
)  
For: POLYMERIC MATERIALS FOR ) Confirmation No.: 3741  
ELECTROLUMINESCENT )  
DEVICES )

**Mail Stop AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**TRANSMITTAL LETTER**

Enclosed is the following:

- 1) Supplemental Information Disclosure Statement,
- 2) PTO Form SB/08,
- 3) Copy of PTO Form 1449 filed with original application, and
- 4) Check for \$180.00.

If there are any additional fees due in connection with the filing of this Statement,  
please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated:

*Dec 2, 2004*

By:

*Therese Hendricks*

Therese Hendricks  
Reg. No. 30,389



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Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(d)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(d), applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after a Notice of Allowance but before payment of the issue fee and is accompanied by a fee of \$180.00.

Applicant is filing this supplemental IDS, which lists various references Applicant cited (and previously provided copies of) during prosecution or on the appeal. The Examiner appears to have inadvertently failed to initial all references on Applicant's first IDS. Filing of this document will help insure that all references are listed on the front page of the patent that issues.

The WO patent and the Gold, Hseih and Wilking publications were disclosed and copies provided during the appeal proceeding (see Appeal Brief dated July 23, 2004). The remaining five publications were included on Applicant's IDS form 1449 filed with

the original application and copies were provided. The Examiner initialed the patent references but apparently (inadvertently) did not initial the publications (see enclosed copy of form 1449); these publications were clearly considered as a number of them were cited in the November 6, 2001 office action.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

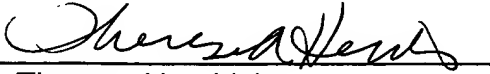
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: Dec 3, 2004

By:   
Therese Hendricks  
Reg. No. 30,389

IDS Form PTO/SB/08: Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	09/529,873
Filing Date	July 27, 2000
First Named Inventor	HOLMES
Art Unit	1711
Examiner Name	D. Truong
Attorney Docket Number	08513.7023

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 92/16023	09/17/1992	Heeger		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		Antoniadis et al., "Light-Emitting Diodes Based on Poly(2,3-Diphenyl-1,4-phenylene Vinylene)," <i>Polymers For Advanced Technologies</i> , vol. 8, no. 7, July 1997, pp. 392-398, XP000695518.	
		Gettinger et al., "A Photoluminescence Study of Poly(phenylene Vinylene) Derivatives: The Effect of Intrinsic Persistence Length," <i>Journal of Chemical Physics</i> , vol. 101, no. 2, 15 July 1994, pp. 1673-1678, XO002088538.	
		Gold, J.F. "Short lifetimes of light emitting polymers," <a href="http://www.math.utah.edu/~gold/doc/lep.pdf">www.math.utah.edu/~gold/doc/lep.pdf</a> .	
		Hsieh et al. "A new family of highly emissive soluble poly(p-phenylene vinylene derivatives. A step toward fully conjugated blue-emitting poly(p-phenylene vinylenes)." <i>Journal of the American Chemical Society</i> , 120:231-232 (1998).	
		Wan et al., "Halogen Precursor Route To Poly (2,3-Diphenyl-P-Phenylene) Vinylene (DP-PPV): Synthesis, Electroluminescence, And Photoconductivity," <i>Macromolecules</i> , vol. 30, no. 21, 20 October 1997, pp. 6567-6574, XO000720388.	
		Wei et al., "Surface Modification And Patterning Of Conjugated Polymers With Near-Field Optical Microscopy," <i>Advanced Materials</i> , vol. 8, no. 7, July 1996, pp. 573-576, XP000598874.	
		Wilking et al., "Comparison of poly(p-phenylene vinylene) and poly(phenylene vinylene) precursors," Conference proceedings held August 21, 2000, 220 <sup>th</sup> ACS National Meeting, Washington, D.C.	
		Woo et al., "Optical Spectra And Excitations In Phenylene Vinylene Oligomers," <i>Synthetic Metals</i> , vol. 59, 1993, pp. 13-28, XP002088539.	

Examiner Signature		Date Considered	
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

422 R-1 PCT/PTO 26 APR 2000

FORM PTO-1449(Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. C1043/7023	SERIAL NO.
	APPLICANT Holmes et al.	
FILING DATE Herewith		GROUP

COPIES  
DEC 06 2004  
JCS

COPY

U.S. PATENT DOCUMENTS

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate
<input checked="" type="checkbox"/>		5,558,904	9/24/96	Hsieh et al.	427	66	7/8/94
<input checked="" type="checkbox"/>		5,514,878	5/7/96	Holmes et al.	257	40	3/18/94

FOREIGN PATENT DOCUMENTS

	Doc. No. (11)	Pub. Date (43)	Country	Class	Sub Class	Translation Yes No
<input checked="" type="checkbox"/>	EP 0745658 A1	04.12.96	Europe			

OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publication, Etc.)

- Wei et al., "Surface Modification And Patterning Of Conjugated Polymers With Near-Field Optical Microscopy," Advanced Materials, vol. 8, no. 7, July 1996, pp. 573-576, XP000598874
- Antoniadis et al., "Light-Emitting Diodes Based On Poly(2,3-Diphenyl-1,4-phenylene Vinylene)," Polymers For Advanced Technologies," vol. 8, no. 7, July 1997, pp. 392-398, XP000695518
- Wan et al., "Halogen Precursor Route To Poly (2,3-Diphenyl-P-Phenylene) Vinylene (DP-PPV): Synthesis, Electroluminescence, And Photoconductivity," Macromolecules, vol. 30, no. 21, 20 October 1997, pp. 6567-6574, XP000720388
- Gettinger et al., "A Photoluminescence Study of Poly(phenylene Vinylene) Derivatives: The Effect of Intrinsic Persistence Length," Journal of Chemical Physics, vol. 101, no. 2, 15 July 1994, pp. 1673-1678, XP002088538
- Woo et al., "Optical Spectra And Excitations In Phenylene Vinylene Oligomers," Synthetic Metals, vol. 59, 1993, pp. 13-28, XP002088539

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

EXAMINER <i>De Drow</i>	DATE CONSIDERED <i>11/2/01</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant